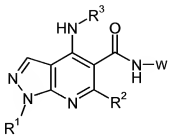
Amendments to the Claims

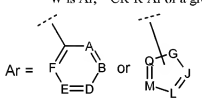
1. (currently amended) A compound of formula (I) or a salt thereof ~~(in particular, a pharmaceutically acceptable salt thereof)~~:



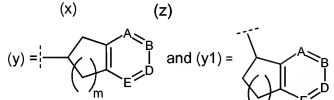
(I)

wherein:

W is Ar, $-CR^4R^5Ar$ or a group (y) or (y1) wherein:



(x) (z)

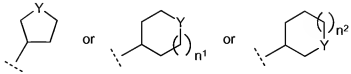


wherein m is 1 or 2;

R^1 is C_{1-4}alkyl, C_{1-3}fluoroalkyl, or $-CH_2CH_2OH$;

R^2 is C_{2-6}alkyl, C_{3-6}cycloalkyl or $-(CH_2)_{n^4}C_{3-6}$cycloalkyl, wherein n^4 is 1 or 2;

R^3 is optionally substituted C_{3-8}cycloalkyl or optionally substituted mono-unsaturated-C_{5-7}cycloalkenyl or an optionally substituted heterocyclic group of sub-formula (aa), (bb) or (cc);



(aa) (bb) (cc)

in which n^1 and n^2 independently are 1 or 2; and in which Y is O, S, SO_2, or NR^{10}; where R^{10} is ~~a hydrogen atom (H)~~ hydrogen, C_{1-2}alkyl, C_{1-2}fluoroalkyl, $CH_2C(O)NH_2$, $C(O)NH_2$, C(O)NHMe, $C(O)$-C_{1-2}alkyl, $C(O)$-C_1fluoroalkyl or $-C(O)-CH_2O-C_{1-2}$alkyl;

and wherein in R^3 the C_{3-8}cycloalkyl or the heterocyclic group of sub-formula (aa), (bb) or (cc) is optionally substituted on a ring carbon with one or two substituents independently ~~being~~ which are oxo (=O); OH; C_{1-2}alkoxy; C_{1-2}fluoroalkoxy; NHR^{21} wherein R^{21} is ~~a hydrogen atom (H)~~ hydrogen or C_{1-4} straight-chain alkyl; C_{1-2}alkyl; C_{1-2}fluoroalkyl; -CH_2OH; -CH_2CH_2OH; -CH_2NHR^{22} wherein R^{22} is H or C_{1-2}alkyl; -$C(O)OR^{23}$ wherein R^{23} is H or C_{1-2}alkyl; -$C(O)NHR^{24}$ wherein R^{24} is H or C_{1-2}alkyl; -$C(O)R^{25}$ wherein R^{25} is C_{1-2}alkyl; fluoro; hydroxyimino (=N-OH); or ~~(C_{1-4}alkoxy)imino~~ (=N-OR^{26} where R^{26} is C_{1-4}alkyl~~)~~; and wherein any OH, alkoxy, fluoroalkoxy or NHR^{21} substituent is not substituted at the R^3 ring carbon attached ~~(bonded)~~ to the -NH- group of formula (I) and is not substituted at either R^3 ring carbon bonded to the Y group of the heterocyclic group (aa), (bb) or (cc);

and wherein, when R^3 is optionally substituted mono-unsaturated-C_{5-7}cycloalkenyl, then the cycloalkenyl is optionally substituted with one substituent ~~being~~ which is fluoro or C_{1-2}alkyl or two substituents independently ~~being~~ which are fluoro or methyl, and the R^3 ring carbon bonded to the -NH- group of formula (I) does not partake in the cycloalkenyl double bond;

(ee)

or R^3 is a bicyclic group of sub-formula (ee): wherein Y^1, Y^2 and Y^3 independently are CH_2 or oxygen (O) provided that no more than one of Y^1, Y^2 and Y^3 is oxygen (O);

and wherein:

R^4 and R^5 are independently ~~a hydrogen atom (H)~~ hydrogen, methyl, ethyl, n-propyl, isopropyl, C_{1-2}fluoroalkyl, cyclopropyl, -CH_2OR^{4a}, -CH(Me)OR^{4a}, or -$CH_2CH_2OR^{4a}$, wherein R^{4a} is ~~a hydrogen atom (H)~~ hydrogen, methyl (Me), or C_1fluoroalkyl such as CF_3 or CHF_2.

and wherein, in sub-formula (x) (y) and (y1):
A is C-R^{6A}, nitrogen ~~(N)~~ or nitrogen-oxide ~~(N^+-O^-)~~,
B is C-R^{6B}, nitrogen ~~(N)~~ or nitrogen-oxide ~~(N^+-O^-)~~,
D is C-R^{6D}, nitrogen ~~(N)~~ or nitrogen-oxide ~~(N^+-O^-)~~,
E is C-R^{6E}, nitrogen ~~(N)~~ or nitrogen-oxide ~~(N^+-O^-)~~,
F is C-R^{6F}, nitrogen ~~(N)~~ or nitrogen-oxide ~~(N^+-O^-)~~,
wherein, R^{6A}, R^{6B}, R^{6D}, R^{6E} and R^{6F} independently are: ~~a hydrogen atom (H)~~ hydrogen, a halogen atom; C_{1-6}alkyl; C_{1-4}fluoroalkyl; C_{3-6}cycloalkyl; C_{1-4}alkoxy; C_{1-2}fluoroalkoxy; C_{3-6}cycloalkyloxy; -$C(O)R^{16a}$; -$C(O)OR^{30}$; -$S(O)_2$-R^{16a};

R^{16a}-S(O)$_2$-NR^{15a}-; R^7R^8N-S(O)$_2$-; C_{1-2}alkyl-C(O)-R^{15a}N-S(O)$_2$-; C_{1-4}alkyl-S(O)-, Ph-S(O)-, R^7R^8N-CO-; -NR^{15}-C(O)R^{16a}; R^7R^8N; nitro (-NO_2); OH ~~(including any tautomer thereof)~~; C_{1-4}alkoxymethyl; C_{1-4}alkoxyethyl; C_{1-2}alkyl-S(O)$_2$-CH_2-; R^7R^8N-S(O)$_2$-CH_2-; C_{1-2}alkyl-S(O)$_2$-NR^{15a}-CH_2-; -CH_2-OH; -CH_2CH_2-OH; -CH_2-NR^7R^8; -CH_2-CH_2-NR^7R^8; -CH_2-C(O)OR^{30}; -CH_2-C(O)-NR^7R^8; -CH_2-NR^{15a}-C(O)-C_{1-3}alkyl; -$(CH_2)_{n^{14}}$-Het^1 where n^{14} is 0 or 1; cyano (-CN); $A_r{}^{5b}$; or phenyl, pyridinyl or pyrimidinyl wherein the phenyl, pyridinyl or pyrimidinyl independently are optionally substituted by one or two ~~of~~ groups which are fluoro, chloro, C_{1-2}alkyl, C_1fluoroalkyl, C_{1-2}alkoxy or C_1fluoroalkoxy;

and/or two adjacent groups selected from the group consisting of R^{6A}, R^{6B}, R^{6D}, R^{6E} and R^{6F} are taken together and are: –CH=CH–CH=CH_2–, –$(CH_2)_{n^{14a}}$– where n^{14a} is 3, 4 or 5, –O–(CMe_2)–O–, –O–$(CH_2)_{n^{14b}}$–O– where n^{14b} is 1 or 2; -CH=CH-NR^{15b}-; -N=CH-NR^{15b}-; -CH=N-NR^{15b}-; -N=N-NR^{15b}-; -CH=CH-O-; -N=CH-O-; -CH=CH-S-; or -N=CH-S-; wherein R^{15b} is H or C_{1-2}alkyl;

provided that:

two or more of A, B, D, E and F are independently C-H ~~(carbon-hydrogen)~~, C-F ~~(carbon-fluorine)~~, nitrogen ~~(N)~~, or nitrogen-oxide ~~(N^+-O^-)~~;

and no more than two of A, B, D, E and F are independently nitrogen or nitrogen-oxide ~~(N^+-O^-)~~, and no more than one of A, B, D, E and F is nitrogen-oxide ~~(N^+-O^-)~~;

and wherein, in sub-formula (z):

G is O or S or NR^9 wherein R^9 is ~~a hydrogen atom (H)~~ hydrogen, C_{1-4}alkyl, or C_{1-2}fluoroalkyl;

J is C-R^{6J}, C-[connection point to formula (I)], or nitrogen ~~(N)~~,

L is C-R^{6L}, C-[connection point to formula (I)], or nitrogen ~~(N)~~,

M is C-R^{6M}, C-[connection point to formula (I)], or nitrogen ~~(N)~~,

Q is C-R^{6Q}, C-[connection point to formula (I)], or nitrogen ~~(N)~~,

wherein, R^{6J}, R^{6L}, R^{6M} and R^{6Q} independently are: ~~a hydrogen atom (H)~~ hydrogen, a halogen atom; C_{1-4}alkyl; C_{1-3}fluoroalkyl; C_{3-6}cycloalkyl; C_{1-4}alkoxy; C_{1-2}fluoroalkoxy; C_{3-6}cycloalkyloxy; OH (including any tautomer thereof); or phenyl optionally substituted by one or two substituents independently being fluoro, chloro, C_{1-2}alkyl, C_1fluoroalkyl, C_{1-2}alkoxy or C_1fluoroalkoxy;

provided that:

two or more of J, L, M and Q are independently C-H, C-F, C-C_{1-2}alkyl, C-[connection point to formula (I)], or nitrogen ~~(N)~~;

and no more than three of J, L, M and Q are nitrogen ~~(N)~~;

and wherein:

R^7 and R^8 are independently ~~a hydrogen atom (H)~~ hydrogen; C_{1-4}alkyl; C_{3-6}cycloalkyl; or phenyl optionally substituted by one or two substituents independently being: fluoro, chloro, C_{1-2}alkyl, C_1fluoroalkyl, C_{1-2}alkoxy or C_1fluoroalkoxy;

or R^7 and R^8 together are -$(CH_2)_{n^6}$- or -C(O)-$(CH_2)_{n^7}$- or -C(O)-$(CH_2)_{n^{10}}$-C(O)- or -$(CH_2)_{n^8}$-X^7-$(CH_2)_{n^9}$- or -C(O)-X^7-$(CH_2)_{n^{10}}$- in which: n^6 is 3, 4, 5 or 6, n^7 is 2, 3, 4, or 5, n^8 and n^9 and n^{10} independently are 2 or 3, and X^7 is O or NR^{14};

R^{7a} is ~~a hydrogen atom (H)~~ hydrogen or C_{1-4}alkyl;

R^{8a} is ~~a hydrogen atom (H)~~ hydrogen or methyl;

R^{14}, R^{17} and R^{17a} independently are: ~~a hydrogen atom (H)~~ hydrogen; C_{1-4}alkyl; C_{1-2}fluoroalkyl (e.g. CF_3); cyclopropyl; -C(O)-C_{1-4}alkyl; -C(O)$NR^{7a}R^{8a}$; or -$S(O)_2$-C_{1-4}alkyl;

R^{15a}, independent of other R^{15a}, is ~~a hydrogen atom (H)~~ hydrogen or C_{1-4}alkyl;

R^{16a} is:

C_{1-6}alkyl;

C_{3-6}cycloalkyl optionally substituted by one oxo (=O), OH or C_{1-2}alkyl substituent;

C_{3-6}cycloalkyl-CH_2-;

pyridinyl optionally substituted on a ring carbon atom by one of: a halogen atom, C_{1-2}alkyl, C_1fluoroalkyl, C_{1-2}alkoxy or C_1fluoroalkoxy;

Ar^{5c};

phenyl optionally substituted by one or two substituents independently being: a halogen atom, C_{1-2}alkyl, C_1fluoroalkyl, C_{1-2}alkoxy or C_1fluoroalkoxy;

benzyl optionally substituted on its ring by one or two substituents independently being: a halogen atom, C_{1-2}alkyl, C_1fluoroalkyl, C_{1-2}alkoxy or C_1fluoroalkoxy; or

a 4-, 5-, 6- or 7-membered saturated heterocyclic ring connected at a ring-carbon and containing one or two ring-hetero-atoms independently selected from O, S, and N; wherein any ring-nitrogens which are present are present as NR^{27} where R^{27} is H, C_{1-2}alkyl or -C(O)Me; and wherein the ring is optionally substituted at carbon by one C_{1-2}alkyl or oxo (=O) substituent, provided that any oxo (=O) substituent is substituted at a ring-carbon atom bonded to a ring-nitrogen;

R^{30}, independent of other R^{30}, is ~~a hydrogen atom (H)~~ hydrogen, C_{1-4}alkyl or C_{3-6}cycloalkyl;

Ar^{5b} and Ar^{5c} independently ~~is/~~are a 5-membered aromatic heterocyclic ring containing one O, S or NR^{15a} in the 5-membered ring, wherein the 5-membered ring can optionally additionally contain one or two N atoms, and wherein the heterocyclic ring is optionally substituted on a ring carbon atom by one of: ~~a halogen atom~~ halo, C_{1-2}alkyl, C_1fluoroalkyl, -CH_2OH, -CH_2-OC_{1-2}alkyl, OH ~~(including the keto tautomer thereof)~~ or –CH_2-$NR^{28}R^{29}$ wherein R^{28} and R^{29} independently are H or methyl; and

Het^1 is a 4-, 5-, 6- or 7-membered saturated heterocyclic ring connected at a ring-carbon and containing one or two ring-hetero-atoms independently selected from the group consisting of O, S, and N; wherein any ring-nitrogens which are present are present as NR^{31} where R^{31} is H, C_{1-2}alkyl or -C(O)Me; and wherein the ring is optionally substituted at carbon by one C_{1-2}alkyl or oxo (=O) substituent, provided that any oxo (=O) substituent is substituted at a ring-carbon atom bonded to a ring-nitrogen.

2. (original) A compound or salt as claimed in claim 1, wherein R^1 is C_{2-3}alkyl, C_2fluoroalkyl or -CH_2CH_2OH.

3. (original) A compound or salt as claimed in claim 2, wherein R^1 is ethyl, n-propyl or -CH_2CH_2OH.

4. (original) A compound or salt as claimed in claim 3, wherein R^1 is ethyl.

5. (currently amended) A compound or salt as claimed in claim 1~~, 2, 3 or 4,~~ wherein R^2 is C_{2-4}alkyl, C_{3-5}cycloalkyl or -CH_2cyclopropyl.

6. (original) A compound or salt as claimed in claim 5, wherein R^2 is ethyl, propyl, cyclopropyl, cyclobutyl, cyclopentyl or cyclopropylmethyl.

7. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein in R^3 there is one substituent or no substituent.

8. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein R^3 is the optionally substituted C_{3-8}cycloalkyl or the optionally substituted heterocyclic group of sub-formula (aa), (bb) or (cc).

9. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein, when R^3 is optionally substituted C_{3-8}cycloalkyl, it is optionally substituted cyclohexyl.

10. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein, when R^3 is optionally substituted C_{3-8}cycloalkyl, then R^3 is C_{6-7}cycloalkyl optionally substituted with one or two substituents independently ~~being~~ selected from the group consisting of oxo (=O); OH; NHR^{21} wherein R^{21} is ~~a hydrogen atom (H)~~ hydrogen; methyl; -CH_2F; -CHF_2; -C(O)OR^{23} wherein R^{23} is H; -C(O)NHR^{24} wherein R^{24} is H; fluoro; hydroxyimino (=N-OH); ~~or~~ and methoxyimino (=N-OR^{26} where R^{26} is methyl).

11. (currently amended) A compound or salt as claimed in ~~any~~ claim 10, wherein, when R^3 is optionally substituted C_{3-8}cycloalkyl, then R^3 is C_{6-7}cycloalkyl optionally substituted with one or two substituents independently ~~being~~ selected from the group consisting of OH; -C(O)NHR^{24} wherein R^{24} is H; oxo ~~(=O)~~ ~~or~~ and hydroxyimino ~~(=N-OH)~~.

12. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein, for R^3, the one or two optional R^3 substituents if present ~~is or are substituent(s)~~ are:

(a) at the 3-position of a R^3 cyclobutyl ring, or

(b) at the 3- and/or 4- position(s) of a R^3 cyclopentyl or cyclopentenyl ring, or

(c) at the 3-, 4- and/or 5- position(s) of a R^3 cyclohexyl or cyclohexenyl ring, or

(d) at the 3-, 4-, 5- and/or 6- position(s) of a R^3 cycloheptyl or cycloheptenyl ring, or

(e) at the 3-, 4-, 5-, 6- and/or 7- position(s) of a R^3 cyclooctyl ring,

~~and~~/or

(f) at the 1-, 2- and/or highest-numbered- position(s) of a R^3 cycloalkyl or cycloalkenyl ring, for alkyl or fluoroalkyl substituent(s), ~~and~~/or

(g) at the 2- ~~and~~/or highest-numbered- position(s) of a R^3 cycloalkyl or cycloalkenyl ring, for NHR^{21} substituent(s).

13. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein, when R^3 is the heterocyclic group of sub-formula (aa), (bb) or (cc), then Y is O or NR^{10}.

14. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein R^{10} is H, C(O)NH_2 or C(O)methyl.

15. (original) A compound or salt as claimed in claim 14, wherein R^{10} is C(O)NH_2.

16. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein, when R^3 is the heterocyclic group of sub-formula (aa), (bb) or (cc), then R^3 is the heterocyclic group of sub-formula (bb) and n^1 is 1.

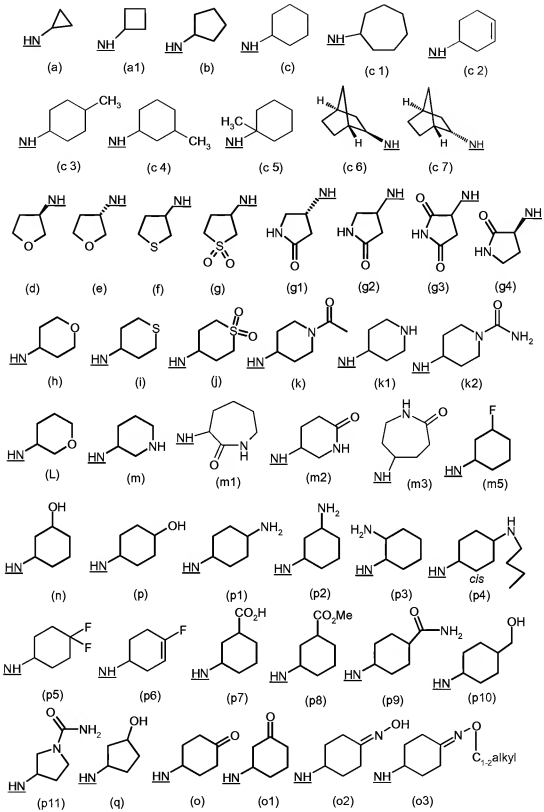
17. (canceled).

18. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein:

when R^3 is optionally substituted mono-unsaturated-C_{5-7}cycloalkenyl, it is mono-unsaturated-cyclohexenyl optionally substituted with one or two substituents ~~independently being~~ which are fluoro or methyl~~.~~

and when R^3 is a bicyclic group of sub-formula (ee), then Y^1, Y^2 and Y^3 are all CH_2.

19. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein NHR^3 is of sub-formula (a), (a1), (b), (c), (c 1), (c 2), (c 3), (c 4), (c 5), (c 6), (c 7), (d), (e), (f), (g), (g1), (g2), (g3), (g4), (h), (i), (j), (k), (k1), (k2), (L), (m), (m1), (m2), (m3), (m5), (n), (o), (o1), (o2), (o3), (p), (p1), (p2), (p3), (p4), (p5), (p6), (p7), (p8), (p9), (p10), (p11) or (q):


(a)
(a1)
(b)
(c)
(c 1)
(c 2)
(c 3)
(c 4)
(c 5)
(c 6)
(c 7)
(d)
(e)
(f)
(g)
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(g3)
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cis
(p5)
(p6)
(p7)
(p8)
(p9)
(p10)
(p11)
(q)
(o)
(o1)
(o2)
(o3)
C1-2alkyl

20. (currently amended) A compound or salt as claimed in claim 19, wherein NHR^3 is ~~of~~ sub-formula (c), (c1), (c 4), (c 5), (h), (i), (j), (k), (k2), (m1), (m2), (n), (o), (o2), (o3), (p2), (p5), (p6), (p9), (p11) or (q).

21. (currently amended) A compound or salt as claimed in claim 19, wherein NHR^3 is ~~of~~ sub-formula (c), (p11), (h), (k2), (n), (o), (o2) or (p9).

22. (currently amended) A compound or salt as claimed in claim 19~~, 20 or 21~~, wherein:

when NHR^3 is ~~of~~ sub-formula (n), then it is in the *cis* configuration~~, i.e. it is a *cis* (3-hydroxycyclohexan-1-yl)amino group~~; and

when NHR^3 is ~~of~~ sub-formula (p9), then it is in the *cis* configuration~~, i.e. it is a *cis* [4-(aminocarbonyl)cyclohexan-1-yl]amino group~~.

23. (currently amended) A compound or salt as claimed in claim 19, wherein NHR^3 is ~~of~~ sub-formula (h) or (k2), that is R^3 is tetrahydro-2H-pyran-4-yl or 1-(aminocarbonyl)-4-piperidinyl.

24. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein R^4 is ~~a hydrogen atom (H)~~ hydrogen~~,~~, methyl, ethyl, C_1fluoroalkyl, $-CH_2OH$, $-CH(Me)OH$, $-CH_2CH_2OH$, or $-CH_2OMe$.

25. (currently amended) A compound or salt as claimed in claim 24, wherein R^4 is ~~a hydrogen atom (H)~~ hydrogen, methyl, ethyl, $-CH_2OH$, or $-CH_2OMe$.

26. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein R^5 is ~~a hydrogen atom (H)~~ hydrogen, methyl, ethyl, n-propyl, or iso-propyl.

27. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein, in sub-formula (x):

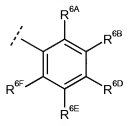
two or more of A, B, D, E and F are C-H ~~(carbon-hydrogen)~~; and one or more others of A, B, D, E and F are independently C-H ~~(carbon-hydrogen)~~, C-F ~~(carbon-fluorine)~~, C-Cl ~~(carbon-chlorine)~~, C-Me, C-OMe, or nitrogen~~-(N)~~;

no more than one of A, B, D, E and F is nitrogen; and

~~none of~~ excluding compounds where A, B, D, E and F are nitrogen-oxide (N^+-O^-).

28. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein Ar ~~has~~ is the sub-formula (x).

29. (currently amended) A compound or salt as claimed in claim 28, wherein Ar ~~has the sub-formula (x), and the sub-formula (x)~~ is sub-formula (x1), (x2), (x3), (x4), (x5), (x6), (x7), (x8), (x9), (x10), (x11), (x12), (x13), (x14), (x15) or (x16):



(x1)

(x2)

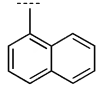
(x3)

(x4)

(x5)

(x6)

(x7)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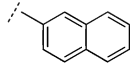
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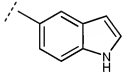

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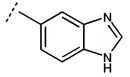

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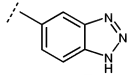

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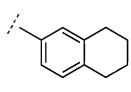
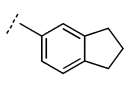
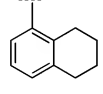
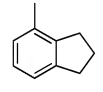

(x13)


(x14)


(x15)


(x16)

30. (currently amended) A compound or salt as claimed in claim 29, wherein Ar ~~has the sub-formula (x), and the sub-formula (x)~~ is sub-formula (x1).

31. (currently amended) A compound or salt as claimed in claim 30, wherein Ar ~~is of sub-formula (x1) and~~ is: monoalkyl-phenyl-, mono(fluoroalkyl)-phenyl-, monohalo-phenyl-, monoalkoxy-phenyl-, mono(fluoroalkoxy)-phenyl-, dialkyl-phenyl-, monoalkyl-monohalo-phenyl-, dihalo-phenyl- or dihalo-monoalkyl-phenyl-.

32. (original) A compound or salt as claimed in claim 31, wherein Ar is: monoC_{1-4}alkyl-phenyl-; monoC_1fluoroalkyl-phenyl-; monoC_{1-3}alkoxy-phenyl-; mono(C_1fluoroalkoxy)-phenyl-; diC_{1-3}alkyl-phenyl-; monoC_{1-3}alkyl-monohalo-phenyl-; dihalo-phenyl-; or dihalo-monoC_{1-2}alkyl-phenyl-.

33. (currently amended) A compound or salt as claimed in <u>claim 1 ~~any preceding claim,~~</u> wherein, in sub-formula (x), R^{6A}, R^{6B}, R^{6D}, R^{6E} and R^{6F}, independently of each other, are: ~~a hydrogen atom (H)~~ <u>hydrogen</u>, a fluorine, chlorine or bromine atom, methyl, ethyl, n-propyl,

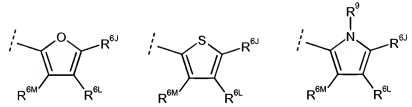
isopropyl, trifluoromethyl, -CH_2OH, methoxy, ethoxy, n-propoxy, difluoromethoxy, OH or $MeS(O)_2$-.

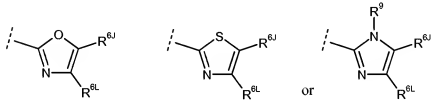
34. (currently amended) A compound or salt as claimed in claim 1 ~~any preceding claim,~~ wherein

R^9 is ~~a hydrogen atom (H)~~ hydrogen or methyl;

R^{6J}, R^{6L}, R^{6M} and R^{6Q} independently are H, OH ~~(including any keto tautomer thereof),~~ C_{1-2}alkyl or C_1fluoroalkyl; and

when Ar has the sub-formula (z), then sub-formula (z) is ~~one of the following~~:





or

35. (currently amended) A compound or salt as claimed in claim 1, which is ~~one of Examples 1 to 29,~~

N-[(4-chloro-2-methylphenyl)methyl]-6-cyclopropyl-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-[(4-chloro-2-methylphenyl)methyl]-6-cyclopropyl-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

6-cyclopropyl-1-ethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

6-cyclopropyl-1-ethyl-N-{[4-(methyloxy)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

6-cyclopropyl-N-[(3,4-dimethylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-[1-(4-chlorophenyl)ethyl]-6-cyclopropyl-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-[1-(4-chlorophenyl)propyl]-6-cyclopropyl-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

1-ethyl-N-(phenylmethyl)-6-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

1-ethyl-N-{[4-(methyloxy)phenyl]methyl}-6-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-[(4-chloro-2-methylphenyl)methyl]-1-ethyl-6-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-[(3,4-dimethylphenyl)methyl]-1-ethyl-6-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-6-propyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

1,6-diethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

1,6-diethyl-N-{[4-(methyloxy)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-[(3,4-dimethylphenyl)methyl]-1,6-diethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-(2,3-dihydro-1H-inden-2-yl)-1,6-diethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-[1-(4-chlorophenyl)propyl]-1,6-diethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

6-cyclobutyl-1-ethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

6-cyclobutyl-1-ethyl-N-{[4-(methyloxy)phenyl]methyl}-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

6-(cyclopropylmethyl)-N-[(3,4-dimethylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

6-cyclobutyl-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-[(4-chloro-2-methylphenyl)methyl]-6-cyclobutyl-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-[1-(4-chlorophenyl)ethyl]-6-cyclobutyl-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-[1-(4-chlorophenyl)propyl]-6-cyclobutyl-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

6-(cyclopropylmethyl)-1-ethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

6-(cyclopropylmethyl)-N-[(3,4-dimethylphenyl)methyl]-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

6-(cyclopropylmethyl)-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

N-[1-(4-chlorophenyl)ethyl]-6-(cyclopropylmethyl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide;

6-cyclopentyl-1-ethyl-N-(phenylmethyl)-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide; and

6-cyclopentyl-N-(2,3-dihydro-1H-inden-2-yl)-1-ethyl-4-(tetrahydro-2H-pyran-4-ylamino)-1H-pyrazolo[3,4-b]pyridine-5-carboxamide,

~~as a compound or a pharmaceutically acceptable salt thereof.~~

36. (canceled).

37. (currently amended) A pharmaceutical composition comprising a compound of formula (I) or a pharmaceutically acceptable salt thereof, as defined in ~~any of claims 1 to 35,~~ claim 1 and one or more pharmaceutically acceptable carriers and/or excipients.

Claims 38–39 (canceled).

40. (currently amended) A method of treatment and/or prophylaxis of an inflammatory and/or allergic disease in a human in need thereof, which method comprises administering to the human a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt thereof as defined in ~~any of claims 1 to 35~~ claim 1.